

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	("20020187066" "5795452" "5959409" "6089182" "6244211" "6460482").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/11 16:04
S2	7232	embed\$4 with (electrode cathode anode)	US-PGPUB	OR	ON	2007/10/11 16:05
S3	29534	(vessel housing chamber reactor) with (insulat\$3 dielectric)	US-PGPUB	OR	ON	2007/10/11 16:05
S4	817	S2 and S3	US-PGPUB	OR	ON	2007/10/11 16:06
S5	477	S4 and plasma	US-PGPUB	OR	ON	2007/10/11 16:07
S6	17727	"118".\$ccls. "156".\$ccls.	US-PGPUB	OR	ON	2007/10/11 16:53
S7	136	S5 and S6	US-PGPUB	OR	ON	2007/10/11 16:11
S8	302	S2 and S6	US-PGPUB	OR	ON	2007/10/11 16:11
S9	166	S8 not S7	US-PGPUB	OR	ON	2007/10/11 16:20
S10	1609	(capillary with (charge discharge)) or (dielectric with barrier with (charge discharge))	US-PGPUB	OR	ON	2007/10/11 16:44
S11	64	S6 and S10	US-PGPUB	OR	ON	2007/10/11 16:22
S12	576	(capillary with (charge discharge)) or (dielectric with barrier with (charge discharge))	JPO	OR	ON	2007/10/11 16:49
S13	397764	h01l021\$.ipc. c23c016\$.ipc.	JPO	OR	ON	2007/10/17 16:52
S14	50	S12 and S13	JPO	OR	ON	2007/10/11 16:45
S15	935	(capillary with (charge discharge)) or (dielectric with barrier with (charge discharge))	DERWENT	OR	ON	2007/10/11 16:53
S16	579057	h01l021\$.ipc. c23c016\$.ipc.	DERWENT	OR	ON	2007/10/13 18:53
S17	86	S15 and S16	DERWENT	OR	ON	2007/10/11 16:49
S18	1250	(capillary with (charge discharge)) or (dielectric with barrier with (charge discharge))	USPAT	OR	ON	2007/10/11 16:53
S19	124514	"118".\$ccls. "156".\$ccls.	USPAT	OR	ON	2007/10/11 16:54
S20	50	S18 and S19	USPAT	OR	ON	2007/10/23 13:10
S21	6063	118/723\$.ccls. 156/345\$.ccls.	USPAT	OR	ON	2007/10/11 16:54
S22	28	S18 and S21	USPAT	OR	ON	2007/10/11 16:55

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S23	21	("5102523"   "5185132"   "5198724"   "5369336"   "5403453"   "5529631"   "5534232"   "5549780"   "5648000"   "5733610"   "5895558"   "5908539"   "5908602"   "5972176"   "5996528"   "6054018"   "6082292"   "6096564"   "6165314"   "6194036"   "6262523").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/11 17:03
S24	22	S20 not S22	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/11 17:04
S25	10778	atmospher\$2 with plasma	USPAT	OR	ON	2007/10/11 17:50
S26	6063	118/723\$.ccls. 156/345\$.ccls.	USPAT	OR	ON	2007/10/11 17:50
S27	680	S26 and S25	USPAT	OR	ON	2007/10/11 17:50
S28	536	S27 and (capillary dielectric insulat\$3)	USPAT	OR	ON	2007/10/11 17:52
S29	326	S27 and (capillary dielectric)	USPAT	OR	ON	2007/10/11 17:53
S30	332	S27 and (capillary dielectric corona)	USPAT	OR	ON	2007/10/11 18:18
S31	207	S28 not S30	USPAT	OR	ON	2007/10/11 18:18
S32	4	(("6764658") or ("20020092616") or ("5543688") or ("6632323") or ("20030070760") or ("5185132")).PN.	USPAT; USOCR	OR	OFF	2007/10/12 16:38
S33	6	(("6764658") or ("20020092616") or ("5543688") or ("6632323") or ("20030070760") or ("5185132")).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/12 16:39
S34	43	shibata-tetsuji\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/12 16:42
S35	243	yamazaki-keiichi\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/12 16:40
S36	191	taguchi-noriyuki\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/13 18:27
S37	270	sawada-yasushi\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/12 16:40

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S38	173	S36 not S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/13 18:28
S39	43	shibata-tetsuji\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/13 18:27
S40	243	yamazaki-keiichi\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/13 18:27
S41	233	S40 not S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/13 18:37
S42	191	taguchi-noriyuki\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/13 18:28
S43	216	S41 not S42	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/13 18:37
S44	270	sawada-yasushi\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/13 18:37
S45	268	S44 not S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/13 18:37
S46	260	S45 not S42	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/13 18:38
S47	258	S46 not S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/13 18:46
S48	9680	"Matsushita Electric".as. and plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/13 18:47
S49	5326	S48 and (electrode cathode anode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/13 18:53

## EAST Search History

S50	2327	S48 and ((electrode cathode anode) with (dielectric insulat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/13 18:54
S51	1449	S48 and ((electrode cathode anode) with (dielectric insulat\$3))	US-PGPUB; USPAT	OR	ON	2007/10/13 18:48
S52	11503	118/723\$.ccls. 156/345\$.ccls. 315/111\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/10/13 18:48
S53	78	S51 and S52	US-PGPUB; USPAT	OR	ON	2007/10/13 18:52
S54	2232	S48 and (electrode cathode anode)	US-PGPUB; USPAT	OR	ON	2007/10/13 18:52
S55	108	S54 and S52	US-PGPUB; USPAT	OR	ON	2007/10/13 18:52
S56	30	S55 not S53	US-PGPUB; USPAT	OR	ON	2007/10/13 18:52
S57	3094	S48 and (electrode cathode anode)	EPO; JPO; DERWENT	OR	ON	2007/10/13 18:53
S58	1009841	h01l021\$.ipc. c23c016\$.ipc.	EPO; JPO; DERWENT	OR	ON	2007/10/13 18:54
S59	1140	S57 and S58	EPO; JPO; DERWENT	OR	ON	2007/10/13 18:54
S60	878	S48 and ((electrode cathode anode) with (dielectric insulat\$3))	EPO; JPO; DERWENT	OR	ON	2007/10/13 18:54
S61	253	S60 and S58	EPO; JPO; DERWENT	OR	ON	2007/10/13 19:10
S62	1	("5185132").PN.	USPAT; USOCR	OR	OFF	2007/10/13 19:10
S63	24	("5185132").URPN.	USPAT	OR	OFF	2007/10/13 19:10
S64	7	("3959104"   "4013532"   "4224897"   "4233109"   "4365587"   "4642171"   "4992299").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 19:12
S65	0	("tachibana-kunihide\$.in.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/13 20:59
S66	0	tachibana-kunihide\$.in.	USPAT	OR	OFF	2007/10/13 20:59
S67	15	tachibana-kunihide\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/17 16:38
S68	4	inoue-ryouji\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/17 16:39

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S71	18	S67 S68	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/13 21:03
S72	29454	"hitachi metals".as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/17 16:51
S73	478	S72 and ((dielectric insulat\$3) with (electrode cathode anode))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/13 21:05
S74	34	S73 and atmospher\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/13 21:05
S75	100	S72 and ((dielectric insulat\$3) with (electrode cathode anode))	US-PGPUB; USPAT	OR	ON	2007/10/13 21:06
S76	76	S75 not S74	US-PGPUB; USPAT	OR	ON	2007/10/13 21:07
S77	15	S73 and plasma	US-PGPUB; USPAT	OR	ON	2007/10/13 21:10
S78	1	"08209353"	JPO	OR	ON	2007/10/13 21:11
S79	1	"02073978"	JPO	OR	ON	2007/10/13 21:11
S80	1	"63050478"	JPO	OR	ON	2007/10/13 21:12
S81	3	("5037666" "5711814" "5968377"). PN.	USPAT	OR	ON	2007/10/13 21:14
S82	12456	(electrode cathode anode) with plate with (hole open\$3 aperture perforation)	USPAT	OR	ON	2007/10/13 21:15
S83	3245	S82 and atmospher\$	USPAT	OR	ON	2007/10/13 21:16
S84	11503	118/723\$.ccls. 156/345\$.ccls. 315/111\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/10/13 21:16
S85	211	S83 and S84	USPAT	OR	ON	2007/10/13 21:27
S86	398	118/723e.cccls. and (dielectric insulat\$3) and atmospher\$2	USPAT	OR	ON	2007/10/13 21:28
S87	996	118/723e.cccls. and (dielectric insulat\$3 atmospher\$2)	USPAT	OR	ON	2007/10/15 13:49
S88	330	S86 not S85	USPAT	OR	ON	2007/10/13 21:28
S89	996	118/723e.cccls. and (dielectric insulat\$3 atmospher\$2)	USPAT	OR	ON	2007/10/15 13:49
S90	157	S89 and puls\$5	USPAT	OR	ON	2007/10/15 13:50
S91	1	("6926803").PN.	USPAT; USOCR	OR	OFF	2007/10/17 15:15

## EAST Search History

S92	12	("20020121500"   "20030029567"   "5534751"   "5998932"   "6019060"   "6178919"   "6350317"   "6416084"   "6492774"   "6527911"   "6602381"   "6744212").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/17 15:16
S93	15	tachibana-kunihide\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/17 16:38
S94	4	inoue-ryouji\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/17 16:39
S95	877563	"hitachi".as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/17 16:51
S96	2950	S95 and ((atmospher\$2 dielectric insulat\$3) with plasma)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/17 16:58
S97	1459	S95 and ((atmospher\$2 dielectric insulat\$3) with plasma)	JPO; DERWENT	OR	ON	2007/10/17 16:52
S98	977997	h01l021\$.ipc. c23c016\$.ipc.	JPO; DERWENT	OR	ON	2007/10/17 16:52
S99	880	S97 and S98	JPO; DERWENT	OR	ON	2007/10/17 16:55
S100	234	S99 and apparatus	JPO; DERWENT	OR	ON	2007/10/17 16:55
S101	1454	S95 and ((atmospher\$2 dielectric insulat\$3) with plasma)	US-PGPUB; USPAT	OR	ON	2007/10/17 16:58
S102	9519	118/723\$.ccls. 156/345\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/10/17 16:58
S103	149	S101 and S102	US-PGPUB; USPAT	OR	ON	2007/10/17 16:58
S104	1	"20030070760"	DERWENT	OR	ON	2007/10/18 14:00
S105	1	2003-555854.NRAN.	DERWENT	OR	OFF	2007/10/18 14:00
S106	250	hassanz\$5.xa.	USPAT	OR	ON	2007/10/23 13:11

## EAST Search History

S10 7	514	hassanz\$5.xp.	USPAT	OR	ON	2007/10/23 13:30
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